

## Abstract

A dual speed end station (ESD, ESQ) having a first speed transceiver (T1) and a second higher speed transceiver (T2) for use in Ethernet systems and an Ethernet system adapted to be used with dual speed end stations have been described. The end station and systems according to the invention allows for an easy upgrading of Ethernet based systems over an infrastructure (IFR) comprising connection points separated into a first speed media section and a second higher speed media section, the first and second speed segments being connected by distinct media paths, and the dual speed end station being adapted for on a routine basis checking its current connection through the respective first speed transceiver (T1) and second speed transceiver (T2) and by means of a media selector (MS, CMS) giving priority of communicating through the second speed transceiver.

Fig. 3